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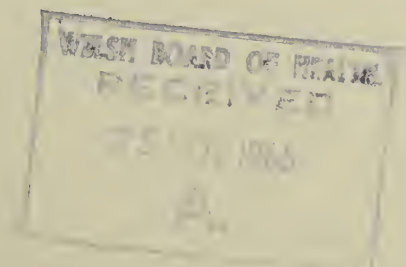
ANNUAL REPORT

O F

MEDICAL OFFICER OF HEALTH

F O R

1964.





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TO: The Mayor and Councillors of the Borough of Llandovery.

Mr. Mayor, Aldermen and Members,

I beg to present my 13th Annual Report for the year ending 31st December 1964.

It was another good year for Public Health in the Borough apart from some cases of Measles. There were no other notifiable diseases -(including new cases of tuberculosis)

The Registrar General's mid-year estimated population was increased by 109, so once again the figure passed the 2,000 mark.

The second part of this report, dealing with the sanitary circumstances in the area, has been prepared by Mr. Walter Davies, who recently transferred to Ammanford. I wish therefore to take this opportunity of paying tribute to him and thanking him and his successor Mr. Thomas for their co-operation in the work. I also wish to thank other members of the staff and the Council for their continued interest in the work of the Health Department.

I have the honour to be

Your obedient Servant,

G. M. Herbert,

Medical Officer of Health.



## GENERAL STATISTICS.

Area	...	...	1,266 acre
Population	...	...	2,020
Rateable Value	...	...	£48,344
Sum represented by a penny rate	...	...	£ 177
Number of Inhabited Houses	...	...	645
Number of Uninhabited Houses	...	...	4
Number of Council Houses completed during the year			Nil
Number of Private Houses completed during the year.			2

## VITAL STATISTICS.

<u>Births and Deaths.</u>		<u>Male.</u>	<u>Female.</u>	<u>Total</u>
<u>Live Births.</u>				
Legitimate	...	12	11	23
Illegitimate	...	0	0	0
		<u>12</u>	<u>11</u>	<u>23</u>
Illegitimate Live Births per cent of total live births.				
Llandovery	...	0.0		
Carmarthenshire	...	4.98		
England and Wales	...	-	-	

## BIRTH RATES. per 1,000 estimated population.

Llandovery	...	11.39
Carmarthenshire	...	14.81
England and Wales	...	18.4

## STILL BIRTHS For the fourth year in succession, there were no still births in this area

### Still Birth Rates per 1,000 live and still births.

Llandovery	...	0.00
Carmarthenshire	...	17.52
England and Wales	...	16.3

## INFANT MORTALITY

This year there was one infant death - a boy suffering from a congenital defect of the heart died at two months.

Rates per 1,000 total births	<u>Llandovery.</u>	<u>C.C.C.</u>	<u>England &amp; Wales</u>
Early Neonatal - under 1 week	0.0	19.04	-
Neonatal - under 1 month	0.0.	21.47	-
Infant mortality - under 1 year	43.48	28.36	20.0
Perinatal mortality - still births and early neonatal per 1,000 live and still births.	43.48	36.23	-

## MATERNAL MORTALITY.

There were again no maternal deaths resulting from pregnancy or childbirth.  
Maternal mortality rate per 1,000 live and still births.

Llandovery	...	0.0
Carmarthenshire	...	0.40
England and Wales	...	0.25

## DEATHS.

All ages and all causes.

There were 33 deaths this year 15 male and 18 female - an increase of 3 over 1963. They were mostly all 65 years or over and one male and one female were over 90 years.

Number of deaths and rates per 1,000 population.

	<u>Number.</u>		<u>Rates.</u>
	<u>Male.</u>	<u>Female.</u>	
Tuberculosis	0	0	0.0
Diphtheria	0	0	0.0
Acute Poliomyelitis	0	0	0.0
Cancer	1	4	2.48
Leukaemia & Aleukaemia	1	0	0.49
Vascular Lesions of nervous system	2	6	3.96
Coronary disease	4	2	2.97
Other heart disease	3	3	2.97
Circulatory disease	0	2	0.99
Influenza	0	0	0.00
Pneumonia	1	0	0.49
Bronchitis	1	0	0.49
Other disease of respiratory system	0	0	0.00
Congenital Malformations	1	0	0.49
Other defined and illdefined diseases	1	0	0.49
Motor vehicle accidents	0	0	0.00
Other accidents	0	1	0.49
Total	<u>15</u>	<u>18</u>	<u>16.34</u>

Death rate per 1,000 population	-	Llandovery	-	16.34
		Carmarthenshire	-	13.43
		England & Wales	-	11.3

## CANCER.

There were again five deaths from Cancer this year with one male suffering from lung cancer and two females from cancer of the stomach and two from other sites.

Cancer death rates	-	Llandovery	-	2.48
		Carmarthenshire	-	2.1
		England and Wales	-	2.2

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASES (other than tuberculosis)

Twenty six cases of Measles were notified during the year and 844 were notified in the whole County. No cases of food poisoning were notified.

## DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

For another year again it is gratifying to be able to report that there were no cases of Diphtheria or Whooping Cough. Inoculations against these two diseases were given by the family doctors and at the infant Clinic. This is held on alternate Tuesday afternoons. Parents are advised to take the opportunity of protecting their children, particularly as a small, but increasing number of cases of diphtheria have occurred in many parts of the country during the year. During the year mostly combined inoculations for Diphtheria, Whooping Cough and Tetanus were given.



The number inoculated in the Borough during 1964 were :-

	<u>Under 5 years.</u>	<u>Boosters.</u>
Triple Antigen	10	4
Diphtheria	-	-
" and Tetanus	-	1
Quadruple vaccination	-	1

#### SMALL POX VACCINATION (Whole County)

	<u>No. Vaccinated</u>	<u>No. Revaccinated</u>
Under 1 year	157	-
1 year	507	-
2 - 4	53	8
5 - 14	3	25
15 & over	18	110

#### POLIOMYELITIS

Mainly oral vaccines were given. Separate figures for the Borough are not available but the number of children vaccinated in the County were :-

#### POLIOMYELITIS VACCINATION (Whole County)

Age Groups.	<u>Number of persons who have received</u>	
	<u>2 Injections of Salk vaccine</u>	<u>3 doses of oral vaccine</u>
Children born 1964	21	242
" " 1963	37	1023
" " 1962	5	334
Children & young persons born in years 1943 - 1961	4	921
Persons born 1933 - 1942	1	119
Others	1	121
Total	69	2760

Number of persons given 3rd injection of Salk	22
" " " " a re-inforcing dose of oral vaccine after 3 doses of Salk or 2 Salk doses or 2 Salk doses plus 2 oral doses	73

#### BCG. Vaccination -( Whole County)

1. Contact Scheme.
  - i) Number skin tested - 269
  - ii) " found negative - 213
  - iii) " vaccinated - 209
2. School Children Scheme
  - i) Number skin tested - 2421
  - ii) " found negative 2063
  - iii) " vaccinated 2056
3. Students attending further education Establishments.
  - i) Number of skin tested 108
  - ii) " found negative 32
  - iii) " vaccinated 31

#### TUBERCULOSIS

It is gratifying to report that no new cases were reported during the year and no deaths from this disease occurred.

Case and death rates Per 1,000 population.		Llandovery	Cardiganshire.
<u>Case rates</u>	Respiratory	0.0	0.52
<u>Death rates</u>	Respiratory	0.00	0.11
	Non-respiratory	0.0	0.053

The Mass Radiography Unit did not visit the Borough during the year.

NATIONAL ASSISTANCE ACT 1948 sec.47.

No action was required during the year.

FACTORIES ACT.

1. - Inspections for purposes of provisions as to health.

Premises (1)	Number on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	11	32	Nil	Nil
(ii) Factories not included in (i) in which section 7 is enforced by the Local Authority	10	40	Nil	Nil
(iii) Other premises in which section 7 is enforced by the Local Authority (excluding out-workers' premises)	Nil	Nil	Nil	Nil
Total.....	21	72	Nil	Nil

2. - Cases in which Defects were found

Particulars (1)	Number of cases in which defects were found			Number of cases in which prosecutions were instituted	
	Found	Remedied	Referred to H.M. Inspector	By H.M. Inspector	
	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	Nil	Nil	Nil	Nil	Nil
Overcrowding (S.2)					
Unreasonable temperature (S.3)					
Inadequate ventilation (S.4)	Nil	Nil	Nil	Nil	Nil



The Annual Report of the Public Health Inspector for  
the Year Ending 31st December 1964.

Mr. Mayor, Aldermen and Councillors,

I submit for your consideration the  
Annual Report for the year ending 31st December 1964.

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WATER SUPPLY.

The Tonn Borehole is the main source of water supply for the Borough of Llandovery 35,306,534 gallons were pumped during 1964 from the Tonn Borehole an average of 96,730 gallons per day. This includes the water that has been running to waste due to undiscovered fractures the aftermath of the deepfreeze of 1963. These fractures have been traced and repaired and the wastage of water reduced to a reasonable quantity by the Autumn of 1964. The water pumped during the last three months of the year was 6,836,000 gallons an average per day of 75,109 gallons. Considering that the schools including the College use an average of 15,000 gallons a day, which was recorded through meters, the consumption of water by the remainder of the Borough was 60,000 gallons per day, which is a reasonable consumption for 2,000 population.

Samples.

Bacteriological and Chemical samples were taken from the Tonn Borehole, before treatment and at the extreme points of the water distribution works and submitted to the Public Analyst.

The following is the observations of the Public Analyst.

" The two waters were of the Highest Organic quality their bacteriological condition was also excellent".

The fluoride content of the water is .055 pp.m. 1/20 of the recommended fluoride content.

The Tonn Borehole water has a pH of 6.2 corrected with lime to pH of 6.8 correction above this point causes excessive deposits in the rising main venturi orifice.

The chlorinating plant for chlorinating the water at the head of the Borehole is charged with chlorine gas.

Cynnant Supply. This supply of water from three springs situated at the junction of the Cynnant Fawr and the Cynnant Fach was the original water supply of the Borough but due to reduced delivery of water through the trunk mains the diameter of which has been reduced by corrosion the water from this source now supplies 30 houses and 9 farms in the Llandeilo R.D.C. area, and 5 houses and 1 farm in the Borough of Llandovery. The Bronhaul Estate Cynghordy was supplied from the Cynnant trunk main at the commencement of the year but this estate is now obtaining water from the Llandeilo R.D.C. supply in that area.

Distribution. All the premises in the Borough are supplied with water from the piped public supply with the exception of one farm and three houses. The farm and two houses have their own private supply piped into the houses. The houses connected to the piped public supply are supplied directly into the house except two houses supplied by a stand pipe.

Number of houses supplied from public water mains	
direct to the house	- - - 641.

Number of houses supplied from stand pipe	2.
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Sewerage and Sewage Disposal.

Seepage tests carried out indicated that in spite of the remedial works that have been carried out the seepage of subsoil water into the sewer is increasing and increasing with the rising of the water table after heavy rainfall.

To prevent the overloading of the Sewage Disposal works and to ensure a satisfactory effluent it will be necessary to ;

- 1. Increase the flow of sewage to be treated at the sewage works from 3.D.W.F. to 4. D.W.F.
- 2. Increase the capacity of the balancing tank.
- 3. Increase the capacity of the Humous Tanks.
- 4. Isolate the points of major seepage when the water table is high, note the seepage points and repair when the water table is low.

Cesspools. The drainage of 22 houses in the Borough of Llandovery are not connected to the public sewer. It has been agreed that the cesspools are to be emptied free of charge, arrangements being made for the cesspools to be emptied by the Llandeilo R.D.C. The Borough Council paying the Llandeilo R.D.C. for the work undertaken.

Public Cleansing.

The household refuse is collected weekly and the combined trade and household refuse from business premises is collected twice weekly. The refuse is tipped on a site in the Llandeilo R.D.C. area east of the Borough in the Glangwydderig Farm area. Planning permission to tip in this area has been extended for six months to enable the Council to obtain or purchase suitable land for tipping refuse. The refuse is spread after each daily collection and covered with quarry waste. Flies and crickets are controlled with regular application of powder insecticide applied with a high pressure blower. The rodent population is controlled by monthly rodent control treatments.

Street Cleansing. The sweeping of Borough Roads is carried out by Borough Council employees and County roads by Borough workmen on behalf of the County Council

Caravan Sites

Two caravan sites are licenced under the Caravan Sites and Control of Development Act 1960. One is a holiday caravan site for fifteen caravans and the second is a residential site for one caravan.

Improvement Schemes.

Six improvement schemes were approved during the year and three improvement schemes were completed.

Council Housing.

New applications for tenancy of Council houses	-	-	-	19
Total on housing waiting list at the end of 1963	-	-	-	49
Termination of tenancy during the year	-	-	-	8

8 Old Peoples Bungalows are being constructed on the Kings Arms Street Site it is estimated that the eight bungalows will be completed in June 1965.

Private Housing.

Private houses completed during the year	-	3
Plans approved for building private houses	-	7

Housing Inspections.

Number of inspections	-	-	-	642
" " reinspections	-	-	-	684
" " informal notices served	-	-	-	8
" " " " complied with	-	-	-	6

Statutory Notices Served

<u>Public Health Act 1936</u>	3
<u>Housing Act 1957.</u>	2
Undertakings accepted but not carried out by owner	1
Closing Orders Revoked	2

Food Premises.

<u>Bakehouses</u>	3
Number of visits	12
<u>Icecream Premises</u>	21
Number of visits	202
<u>Sausage Manufacturing Premises</u>	3
Number of visits	16
<u>Dairies on Register.</u>	1.
<u>Butchers Shops</u>	4
Number of visits	60
<u>Grocer Shops.</u>	9
Number of visits	119
<u>Transport Cafe and Hostel</u>	1
Number of visits	6
<u>Cafe's</u>	3
Number of visits	36
<u>Wet Fish Shops</u>	2
Number of visits	1
<u>Fried Fish and Chip Shops.</u>	2
Number of visits	24
<u>Sweet Shops</u>	7
Number of visits	84
<u>Fruit Shops.</u>	5
Number of visits	10
<u>School Kitchens</u>	3
Number of visits	12
<u>Residential Hotels.</u>	2
Number of visits	24
<u>Licenced Hotels.</u>	18
Number of visits	108

Icecream (Heat Treatment) Regulations 1957

The icecream sold in Llandovery is prepacked with exception of one premises when icecream is made from cold mix.

I am,  
Your obedient Servant,  
W. Davies,  
Public Health Inspector.

